

Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
23208-004US1Application No.  
10/583,950**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

Applicant  
Rolf Kiessling et al.Filing Date  
June 20, 2006

Group Art Unit

(SEE P. \$1.98(b))

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,951,988	09/14/99	Littel-van den Hurk et al.			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AB	WO 94/10323	05/11/94	WO				
	AC	WO 99/66038	12/23/99	WO				
	AD	WO 02/53181	07/11/02	WO				
	AE	WO 03/37931	05/08/03	WO				

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AF	GenBank Accession No. AF063658 dated 10/5/03, 2 pages
	AG	GenBank Accession No. BC035514 dated 1/30/08, 4 pages
	AH	GenBank Accession No. NP_573572 dated 1/24/08, 3 pages
	AI	Bischoff et al., "An Adenovirus Mutant That Replicates Selectively in p53-Deficient Human Tumor Cells," <u>Science</u> , 1996, 274:373-376
	AJ	Boggio et al., "Interleukin 12-mediated Prevention of Spontaneous Mammary Adenocarcinomas in Two Lines of Her-2/neu Transgenic Mice," <u>J. Exp. Med.</u> , 1998, 188(3):589-596
	AK	Bohl et al., "Control of Erythropoietin Delivery by Doxycycline in Mice After Intramuscular Injection of Adeno-Associated Vector," <u>Blood</u> , 1998, 92(5):1512-1517
	AL	Bratt et al., "Angiomotin belongs to a novel protein family with conserved coiled-coil and PDZ binding domains," <u>Gene</u> , 2002, 298:69-77
	AM	Brossart et al., "Dendritic cells in cancer vaccines," <u>Exp. Hematol.</u> , 2001, 29:1247-1255
	AN	Büeler, "Adeno-Associated Viral Vectors for Gene Transfer and Gene Therapy," <u>Biol. Chem.</u> , 1999, 380:613-622
	AO	Cavallo et al., "Protective and Curative Potential of Vaccination with Interleukin-2-Gene-transfected Cells from a Spontaneous Mouse Mammary Adenocarcinoma," <u>Cancer Research</u> , 1993, 53:5067-5070
	AP	Charo et al., "A Long-Term Memory Obtained by Genetic Immunization Results in Full Protection from a Mammary Adenocarcinoma Expressing an EBV Gene," <u>J. Immunol.</u> , 1999, 163:5913-5919
	AQ	Cotten et al., "High-efficiency receptor-mediated delivery of small and large (48 kilobase gene constructs using the endosome-disruption activity of defective or chemically inactivated adenovirus particles," <u>Proc. Natl. Acad. Sci. USA</u> , 1992, 89:6094-6098
	AR	Curiel, "Adenovirus Facilitation of Molecular Conjugate-Mediated Gene Transfer," <u>Prog. Med. Virol.</u> , 1993, 40:1-18

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AS	De Bruijn et al., "Immunization with Human Papillomavirus Type 16 (HPV16) Oncoprotein-loaded Dendritic Cells as well as Protein in Adjuvant Induces MHC Class I-restricted Protection to HPV16-induced Tumor Cells, <u>Cancer Research</u> , 1998, 58:724-731
	AT	Devereux et al., "A comprehensive set of sequence analysis programs for the VAX," <u>Nucl. Acids Res.</u> , 1984, 12(1):387-395
	AU	Dietrich et al., "Bacterial Systems for the Delivery of Eukaryotic Antigen Expression Vectors," <u>Antisense Nucl. Acid Drug Dev.</u> , 2000, 10:391-399
	AV	Eriksson et al., "Angiostatin and endostatin inhibit endothelial cell migration in response to FGF and VEGF without interfering with specific intracellular signal transduction pathways," <u>FEBS Letters</u> , 2003, 536:19-24
	AW	Falk et al., "Allele-specific motifs revealed by sequencing of self-peptides eluted from MHC molecules," <u>Nature</u> , 1991, 351:290-296
	AX	Feller and de la Cruz, "Identifying antigenic T-cell sites," <u>Nature</u> , 1991, 349:720-721
	AY	Folkman, "Angiogenesis in cancer, vascular, rheumatoid and other disease," <u>Nature Med.</u> , 1995, 1(1):27-31
	AZ	Geysen et al., "A Priori Delineation of a Peptide which Mimics a Discontinuous Antigenic Determinant," <u>Mol. Immunol.</u> , 1986, 23(7):709-715
	AAA	Geysen et al., "Use of peptide synthesis to probe viral antigens for epitopes to a resolution of a single amino acid," <u>Proc. Natl. Acad. Sci. USA</u> , 1984, 81:3998-4002
	ABB	Gribskov and Burgess, "Sigma factors from <i>E. coli</i> , <i>B. subtilis</i> , phage SP01, and phage T4 are homologous proteins," <u>Nucl. Acids Res.</u> , 1986, 14(16):6745-6763
	ACC	Hopp and Woods, "Prediction of protein antigenic determinants from amino acid sequences," <u>Proc. Natl. Acad. Sci. USA</u> , 78(6):3824-3828
	ADD	Jiang et al., "Angiomotin and angiomotin like proteins, their expression and correlation with angiogenesis in human breast cancer," <u>Breast Cancer Research and Treatment</u> , 2006, 6:16, Abstract 552
	AEE	Duncan et al., "A New Reagent Which May Be Used to Introduce Sulfhydryl Groups into Proteins, and Its Use in the Preparation of Conjugates for Immunoassay," <u>Anal. Biochem.</u> , 1983, 132:68-73
	AFF	Kyte and Doolittle, "A Simple Method for Displaying the Hydropathic Character of a Protein," <u>J. Mol. Biol.</u> , 1982, 157:105-132
	AGG	Ledley, "Nonviral Gene Therapy: The Promise of Genes as Pharmaceutical Products," <u>Hum. Gene Ther.</u> , 1995, 6:1129-1144
	AHH	Levchenko et al., "Loss of responsiveness to chemotactic factors by deletion of the C-terminal protein interaction site of angiomotin," <u>J. Cell Sci.</u> , 2003, 116:3803-3810
	AII	Li et al., "Vaccination Against Angiogenesis-Associated Antigens: A Novel Cancer Immunotherapy Strategy," <u>Curr. Mol. Med.</u> , 2003, 3:773-779
	AJJ	London et al., "A novel antisense inhibitor of MMP-9 attenuates angiogenesis, human prostate cancer cell invasion and tumorigenicity," <u>Cancer Gene Ther.</u> , 2003, 10:823-832
	AKK	Magari et al., "Pharmacologic Control of a Humanized Gene Therapy System Implanted into Nude Mice," <u>J. Clin. Invest.</u> , 1997, 100(11):2865-2872
	ALL	Margalit et al., "Prediction of immunodominant helper T cell antigenic sites from the primary sequence," <u>J. Immunol.</u> , 1987, 138:2213-2229

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	AMM	Martin and Papahadjopoulos, "Irreversible Coupling of Immunoglobulin Fragments to Preformed Vesicles," <u>J. Biol. Chem.</u> , 1982, 257(1):286-288
	ANN	Mézière et al., "In Vivo T Helper Cell Response to Retro-Inverso Peptidomimetics," <u>J. Immunol.</u> , 1997, 159(7):3230-3237
	AOO	Michael et al., "Addition of a short peptide ligand to the adenovirus fiber protein," <u>Gene Therapy</u> , 1995, 2:660-668
	APP	Miller and Vile, "Targeted vectors for gene therapy," <u>FASEB J.</u> , 1995, 9(2):190-199
	AQQ	Nair et al., "Synergy between tumor immunotherapy and antiangiogenic therapy," <u>Blood</u> , 2003, 102(3):964-971
	ARR	Nanni et al., "Combined Allogeneic Tumor Cell Vaccination and Systemic Interleukin 12 Prevents Mammary Carcinogenesis in HER-2/neu Transgenic Mice," <u>J. Exp. Med.</u> , 2001, 194(9):1195-1205
	ASS	Nässander et al., "In Vivo Targeting of OV-TL 3 Immunoliposomes to Ascitic Ovarian Carcinoma Cells (OVCAR-3) in Athymic Nude Mice," <u>Cancer Research</u> , 1992, 52:646-653
	ATT	Needleman and Wunsch, "A General Method Applicable to the Search for Similarities in the Amino Acid Sequence of two Proteins," <u>J. Mol. Biol.</u> , 1970, 48:443-453
	AUU	Nestle et al., "Vaccination of melanoma patients with peptide- or tumor lysate-pulsed dendritic cells," <u>Nature Medicine</u> , 1998, 4(3):328-332
	AVV	O'Sullivan et al., "Comparison of Two Methods of Preparing Enzyme-Antibody Conjugates: Application of These Conjugates for Enzyme Immunoassay," <u>Anal. Biochem.</u> , 1979, 100:100-108
	AWW	Quagliano et al., "Electroporated DNA Vaccine Clears Away Multifocal Mammary Carcinomas in Her-2/neu Transgenic Mice," <u>Cancer Research</u> , 2004, 64:2858-2864
	AXX	Relf et al., "Expression of the Angiogenic Factors Vascular Endothelial Cell Growth Factor, Acidic and Basic Fibroblast Growth Factor, Tumor Growth Factor $\beta$ -1, Platelet-derived Endothelial Cell Growth Factor, Placenta Growth Factor, and Pleiotrophin in Human Primary Breast Cancer and Its Relation to Angiogenesis," <u>Cancer Research</u> , 1997, 57:963-969
	AYY	Rivera et al., "Long-term regulated expression of growth hormone in mice after intramuscular gene transfer," <u>Proc. Natl. Acad. Sci. USA</u> , 1999, 96:8657-8662
	AZZ	Rosenfeld et al., "Adenovirus-Mediated Transfer of a Recombinant $\alpha$ 1-Antitrypsin Gene to the Lung Epithelium in Vivo," <u>Science</u> , 1991, 252:431-434
	AAAA	Roth and Spiegelberg, "Activation of Cloned Human CD4 <sup>+</sup> Th <sub>1</sub> and Th <sub>2</sub> Cells by Blood Dendritic Cells," <u>Scand. J. Immunol.</u> , 1996, 43:646-651
	ABBB	Rothbard and Taylor, "A sequence pattern common to T cell epitopes," <u>EMBO J.</u> , 1988, 7(1):93-100
	ACCC	Scappaticci, "The therapeutic potential of novel antiangiogenic therapies," <u>Exp. Opin. Investig. Drugs</u> , 2003, 12(6):923-932
	ADDD	Dayhoff, "Matrices for Detecting Distance Relationships," <u>Atlas of Protein Sequence and Structure</u> , 1978, National Biomedical Research Foundation, pp. 353-358
	AEEE	Sherman and Spatola, "Compatibility of Thioamides with Reverse Turn Features: Synthesis and Conformational Analysis of Two Model Cyclic Pseudopeptides Containing Thioamides as Backbone Modifications," <u>J. Am. Chem. Soc.</u> , 1990, 112:433-441
	AFFF	Smith and Waterman, "Comparison of Biosequences," <u>Adv. Appl. Math.</u> , 1981, 2:482-489
	AGGG	Thorsett et al., "Dipeptide Mimics. Conformationally restricted inhibitors of angiotensin-converting enzyme," <u>Biochem. Biophys. Res. Comm.</u> , 1983, 111(1):166-171
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	AHHH	Troyanovsky et al., "Angiomotin: An Angiostatin Binding Protein That Regulates Endothelial Cell Migration and Tube Formation," <u>J. Cell Biol.</u> , 2001, 152(6):1247-1254
	AIII	Veber et al., "Conformationally restricted bicyclic analogs of somatostatin," <u>Proc. Natl. Acad. Sci. USA</u> , 1978, 75(6):2636-2640
	AJJJ	Verma and Somia, "Gene therapy- promises, problems and prospects," <u>Nature</u> , 1997, 389:239-242
	AKKK	Wagner et al., "Transferrin-polycation conjugates as carriers for DNA uptake into cells," <u>Proc. Natl. Acad. Sci. USA</u> , 1990, 87:3410-3414
	ALLL	Walther and Stein, "Cell type specific and inducible promoters for vectors in gene therapy as an approach for cell targeting," <u>J. Mol. Med.</u> , 1996, 74:379-392
	AMMM	Weidner et al., "Tumor angiogenesis and metastasis-correlation in invasive breast carcinoma," <u>N. Engl. J. Med.</u> , 1991, 324(1):1-8
	ANNN	Zetter, "Hold that Line: Angiomotin Regulates Endothelial Cell Motility," <u>J. Cell Biol.</u> , 2001, 152(6):F35-F36
	AOOO	Zhou and Tedder, "A Distinct Pattern of Cytokine Gene Expression by Human CD83 <sup>+</sup> Blood Dendritic Cells," <u>Blood</u> , 1995, 86(9):3295-3301
	APPP	Zoller and Smith, "Oligonucleotide-directed mutagenesis using M13-derived vectors: an efficient and general procedure for the production of point mutations in any fragment of DNA," <u>Nucl. Acids Res.</u> , 1982, 10(20):6487-6500

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